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**Complete if Known**

Application Number	10/527,302
Filing Date	March 9, 2005
First Named Inventor	Takayuki TAKAHATA
Art Unit	2050 3747
Examiner Name	
Attorney Docket Number	1217-050600

Sheet

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
Tms		JP(1999)	11-153561 A	06-08-1999	Mitsui Mining & Smelting		
Tms		JP(1991)	3-262949 A	11-22-1991	Matsushita Electric Ind.		
Tms		JP(1992)	4-178550 A	06-25-1992	Hitachi, Ltd.		
Tms		WO	01/44761 A	06-21-2001	Mitsui Mining & Smelting		

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